## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	760	(zero-crossing or zero crossing) and voice signal\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/31 16:31
S2	. 10	((GIN-DER) near2 (WU)).INV.	US-PGPUB; USPAT	ADJ	ON	2007/05/29 11:03
S3.	292	704/208.ccis.	US-PGPUB; USPAT	ADJ	ON	2007/05/29 11:03
S4	53	704/208.ccls. and (zero-crossing or zero crossing)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/29 11:08
S5	4	704/208.ccls. and (zero-crossing or zero crossing) and (multiple or plurality or many or more then one or few or couple) near2 channel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/29 11:20
S6	253	704/214.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:36
S7	. 22	704/214.ccls. and (count\$3 or number\$2) near2 (zero-crossing\$2 or zero crossing\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/29 12:25
S8	2	("0093273").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/29 12:29
<b>S9</b>	1	"20030093273"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/29 12:29
S10	30	704/214.ccls. and (threshol or standard value\$2 or predetermined value\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/31 15:54
S11	9	704/214.ccis. and (threshol or standard value\$2 or predetermined value\$2) and (voice or speech) near2 generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/31 15:54
S12	26	(zero-crossing or zero crossing) and voice signal\$2 and (threshol or standard value\$2 or predetermined value\$2) and (voice or speech) near2 generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/31 16:31

## **EAST Search History**

S13	1	"20040230422"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/02 12:55
S14	1	"4555736".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/02 14:42
S15	1	"6901632".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/02 14:43
S16		"6901362".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/02 14:43
S21	68	"704"/\$.ccls. and (zero-crossing\$2 or zero crossing\$2) and (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:16
S22	2	"704"/213.ccls. and (zero-crossing\$2 or zero crossing\$2) and (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:13
S23	2	"704"/214.ccls. and (zero-crossing\$2 or zero crossing\$2) and (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:14
S24	3	"704"/\$.ccls. and (zero-crossing\$2 or zero crossing\$2) with (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:31
S25	7	"704"/\$.ccls. and (zero-crossing\$2 or zero crossing\$2) same (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:21
S26	4	S25 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:22
S27	17	(zero-crossing\$2 or zero crossing\$2) with (multichannel\$2 or multi-channel\$2 or multiple channel\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:35

## **EAST Search History**

S28	3	(zero-crossing\$2 or zero crossing\$2) near2 (right or left) channel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:51
S29	1	compar\$3 near3 (number\$2 or count\$2) near2 (zero-crossing\$2 or zero crossing\$2) and (right or left) channel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:57
S30	13	(zero-crossing\$2 or zero crossing\$2) near2 (right or left or two or multiple) channel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 11:58
S31	940	704/233.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:36
S35	50	"704"/\$.ccls. and transform\$3 near3 voice signal	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:43
S36	3	"704"/\$.ccls. and transform\$3 near3 voice signal near2 sound	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:44
S38	. 67	(zero-crossing\$2 or zero crossing\$2) and (speech or voice) signal near2 speaker\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 14:58
S39	3	(zero-crossing\$2 or zero crossing\$2) and (speech or voice) signal near2 speaker\$2 and classif\$6 near2 audio signal\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 15:05
S40	221	(zero-crossing\$2 or zero crossing\$2) and (speech or voice) synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 15:08
S41	6	704/213.ccls. and (zero-crossing\$2 or zero crossing\$2) and (speech or voice) synthesis	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 15:08
S44	64	704/233.ccls. and (speech or voice) signal near2 speaker\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/06/04 15:13